



MILIND SINGH DEV

Course : **B.Tech**, Computer Science and Engineering, 2020
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PERCENT: 83.32



ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	St. Anthony's Senior Secondary School	CBSE	82.4 %	2016
CLASS X	St. Anthony's Senior Sceondary School	CBSE	8.2 CGPA	2014
SUMMER INTERNSHIP / WORK EXPERIENCE				
Vocational Training, Bharat Sanchar Nigam Limited			May 2018 - Jun 2018	
Subjects / Electives	MULTIMEDIA TOOLS AND APPLICATIONS			
Technical Proficiency	C Programming, C++ Language, Data Structures, Photography, Problem Solving, Java, WordPress Design, Microsoft Word, Microsoft Office, Python			
PROJECTS				
Optimized Printer Waiting Time for Domestic and Educational Purposes - Internet of Things			Jan 2019 - Present	
The project deals with the domestic convenience and educational services-				
- An Android application that will ask the user to upload the file he/she wants to get printed. Then the app will ask the format including margin, font, font size etc.				
- The document is then uploaded to the cloud from where encapsulating with the requirements it is sent to the print hub where actual printing is done.				
- The file is deleted from the cloud once the job is completed.				
- The estimated waiting time is calculated taking in considerations with the traffic, the waiting time and the printing time.				
- It makes printing efficient as the work is up to mark and avoids the Application version printing errors.				
- The account handling of the print center is simplified and the users pay for what they get.				
EFFICIENT GARBAGE COLLECTION BINS AND GARBAGE MANAGEMENT - Designing and Routing Algorithm			Aug 2018 - Present	
The project is a total reformation of the garbage collection and a new model which is optimized to collect the garbage.				
- The garbage bins have a new design of the trapezoid. It has a Radio Frequency transmitter which transmits the radio signal to the Collection hub.				
- Since the dustbins positions are stationary each radio transmitter is fixed at a position and when the dustbin is full. It sends the signal.				
- The signals are collected and the coordinates are put in the shortest path algorithm to find the shortest path for the collection truck.				
- This way it saves up a lot of fuel, avoids the overflowing trash bins,				
- Using ML, A trend between the data can be set and a schedule can be formed for collection of garbage.				
OPTIMIZED DEALS AND DISCOUNT AT MALL ENTRANCE - MOBILE APPLICATION DEVELOPMENT			Jul 2018 - Nov 2018	
The project is the efficient use of Geo-location and the shopping experience.				
- The Android Application gives the user information about the deals and discounts that are currently going on in and around the mall.				
- The location of the user is accessed and as the user enters a mall. The application sends him/her notifications about the offers.				
- The user can also look for products that are on sale in the application and order them from the application itself.				
- The facilitation provided does increase the sales as the user doesn't have to roam around looking for the offers. They can check on the app itself.				
- Inner mall map can be generated to guide the user to the shop location inside the mall.				
POSITION OF RESPONSIBILITY				
Lead photographer for TEXUS 2019 - TEXUS 2019			Mar 2019 - Mar 2019	
Lead photographer in National Level cultural and technical event TEXUS 2019.				
EXTRA CURRICULAR ACTIVITIES				
Story Writing				
This is the fictional story that how a person like nature needs to keep in balance everything that goes around them.				
Drummer				
I play drums and had a band in School				
Designing Ideas				
I like analyzing things and learn about how they work.				
Photography				
An Intermediate level photographer and worked in the photography club for the Cultural events in college				
CERTIFICATIONS				

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Certificate of Appreciation	SRM Institute of Science and Technology	
INDUSTRIAL VISIT	BSNL	
Certificate of Merit	INTERNSHALA	
How GOOGLE does Machine Learning	Coursera	
Certificate of Completion	SRM AXIS INTELLECTS	
Cognizant's The Big Idea	Cognizant	

COMPETITIONS	
Cognizant's The Big Idea Certificate of Appreciation for the project idea submitted "Effective garbage management bins and collection system"	Sep, 2018

CONFERENCES AND WORKSHOPS
National Conference on Emerging Technologies in Smart City (NCETS 2019) Organized by: IEEE Student Branch Date: Mar 2019 Presented a paper on Efficient Garbage Collection and Garbage Management Bins

PUBLICATIONS
Optimized printer waiting time for domestic and educational purposes Journal name: International Journal of General Engineering and Technology (IJGET) Publication date: May 30, 2019 Despite the numerous efforts of being completely paperless, there are still some places and works in which the use of paper is needed. The regulated use of paper should be our first step towards going paperless. In this paper, we implement an IoT based printing process in which the user can print the documents through their phone selecting the nearest printer hub given the GPS(1) and the printer hub in return gives the user the estimated arrival time of the user when the print work is done. The android application eases the use of the interface from which the actions are carried on.

VOLUNTEER EXPERIENCE	
SRM HOSPITAL - Role: BLOOD DONOR Cause: Social Services Blood Donation - Role: Donor Cause: Social Services	Aug 2018 - Aug 2018 Sep 2017 - Sep 2017

LANGUAGES KNOWN
JAPANESE, HINDI, ENGLISH